

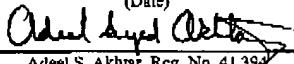
PATENT

Case Docket No. ASMMC.033AUS  
Date: December 20, 2002

  
 12/21/02

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s) :	Kim et al.	)	CERTIFICATE OF FAX TRANSMISSION
Appl. No. :	10/007,304	)	I hereby certify that this correspondence and all
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Examiner :	Steven Rao	)	746-3926 of the USPTO on the date shown below:
Group Art Unit :	2812	)	<u>December 20, 2002</u>

(Date)  
  
Adeel S. Akhtar, Reg. No. 41,394

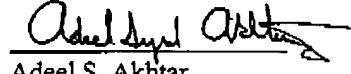
## TRANSMITTAL LETTER

United States Patent and Trademark Office  
P.O. Box 2327  
Arlington, VA 22202

Dear Sir:

Enclosed for filing in the above-identified application are:

- (X) A Preliminary Amendment in 5 pages.
- (X) The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment, to Account No. 11-1410.

  
Adeel S. Akhtar  
Registration No. 41,394  
Attorney of Record  
Customer No. 20,995  
(415) 954-4114

ASMMC.033AUS

PATENT

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Kim et al. ) Group Art Unit 2812  
Appl. No. : 10/007,304 )  
Filed : December 5, 2001 )  
For : COPPER INTERCONNECT  
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 ) (Date)  
 ) Adeel S. Akhtar, Reg. No. 41,394  
 ) Adeel S. Akhtar

PRELIMINARY AMENDMENT

United States Patent and Trademark Office  
P.O. Box 2327  
Arlington, VA 22202

Dear Sir:

Prior to examination on the merits in the above-captioned patent application, please amend the application as indicated below:

IN THE CLAIMS:

Please amend Claims 43-46, 50 and 51 as indicated below:

43. (Amended) The diffusion barrier of Claim 35, wherein the metal compound is an oxide of the reactive metal.

44. (Amended) The diffusion barrier of Claim 43, wherein the metal compound is selected from the group consisting of aluminum oxide and silicon oxide.

45. (Amended) The diffusion barrier of Claim 35, wherein the metal compound is a nitride of the reactive metal.

46. (Amended) The diffusion barrier of Claim 45, wherein the metal compound is selected from the group consisting of aluminum nitride and silicon nitride.

Louis J. Knobbe\*  
 Don W. Martens\*  
 Gordon H. Olson\*  
 James B. Bear  
 Darrell L. Olson\*  
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 James F. Herkenhoff  
 Scott L. Murray  
 Andrew M. Douglas  
 Marc T. Morley  
 Sallma A. Meroni, Ph.D.  
 Sam K. Tahmassab, Ph.D.

# Knobbe Martens Olson & Bear LLP

## Intellectual Property Law

201 California Street  
 Suite 1150  
 San Francisco CA 94111  
 Tel 415-954-4114  
 Fax 415-954-4111  
 knob.com

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 Andrew I. Kimmel  
 Miika Kuwana

Of Counsel  
 Jerry R. Seiler  
 Paul C. Steinhardt  
 Japanese Patent Atty  
 Kazuhiro Arai  
 Tomohisa Sugiyama  
 Korean Patent Atty  
 Mincheol Kim  
 Heungssoo Choi  
 Scientists & Engineers  
 (Non-Lawyers)  
 Raymond J. Salemiens\*\*  
 Khurram Rahman, Ph.D.  
 Tommy Y. Nagata  
 Che S. Choroskin, Ph.D.\*\*  
 James W. Aulay\*\*  
 Jennifer Hayes\*\*  
 Kirk E. Pastorlan, Ph.D.\*\*  
 Charles T. Ridgely  
 Bonny Yeung, Ph.D.  
 Connie C. Tong, Ph.D.\*\*  
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 Ed Desjardins, Ph.D.\*\*  
 W. Frank Dauber  
 Lang J. McHardy\*\*  
 Karen J. Lenker  
 Chris Wasiborg, Ph.D.  
 Eric B. Ives, Ph.D.\*\*  
 David C. Weber\*\*

\* A Professional Corporation  
 † Also Barrister At Law (Eng & Welsh)  
 \*\* U.S. Patent Agent  
 †† Also Solicitor (Eng & Welsh)

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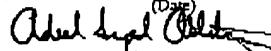
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MESSAGE: **PLEASE SEE ATTACHED**

2040 Main Street  
 16th Floor  
 Irving, CA 92614  
 Tel 650-760-0404  
 Fax 650-760-0502

550 West C Street  
 Suite 1200  
 San Diego CA 92101  
 Tel 619-235-8550  
 Fax 619-235-0776

1900 Avenue of the Stars  
 Suite 1425  
 Los Angeles CA 90067  
 Tel 310-551-3450  
 Fax 310-551-3459

3403 Tenth Street  
 Suite 700  
 Riverside CA 92501  
 Tel 909-781-9231  
 Fax 909-781-4507

1114 Marsh Street  
 San Luis Obispo CA 93401  
 Tel 805-547-5380  
 Fax 805-547-5590